

BEFORE
THE PUBLIC SERVICE COMMISSION OF
SOUTH CAROLINA
DOCKET NO. 2017-292-WS

Blue Granite Water Company
Compliance Filing
Capital Improvements Report
April 1, 2019 – September 27, 2019

On May 30, 2018, the South Carolina Public Service Commission (the “Commission” or “PSC”) approved Blue Granite Water Company’s (“BGWC” or the “Company”), formerly known as Carolina Water Service, Inc., request for an increase in general rates and charges for its water and sewer services. As part of its Order, the PSC provided that:

“The Company shall also submit a separate report no less than semiannually reporting on all capital improvements made during the period to enhance customer service and to explain the cost of such capital improvements.”

The following report provides the Commission with an update on all major capital improvements currently in progress during the reporting period.

The reporting period for this report is April 1, 2019 – September 27, 2019.

.

Blue Granite Water Company – South Carolina
Capital Improvement Projects Update
Water System Improvements

Description	Location	Engineer / Contractor	Cost	Cost Details	Status	Progress & Goal
Carowood Well System Improvements	York County, SC	GMC/Dupree	\$25,000	Replace soda ash with caustic feed to improve pH levels.	Construction 0%	Submitted permit package to SCDHEC last week of July. Complete improvements in October 2019.
		BGWC				
Oakland Water Tank Rehabilitation	Sumter, SC	Dupree/GMC	\$150,000	Rehabilitate and repaint elevated storage tank and containment of lead paint.	Construction 20%	Complete project during Fall of 2019.
		Suburban Contractors				
Lake Wylie AMI Metering	Lake Wylie, SC	Dupree	\$1,500,000	Replacing all 5,000+ residential meters in the Lake Wylie water system with Neptune Water Meters.	Construction 25%	Antenna construction and meter installations starting in August 2019. Plan for completion end of 2019.
		Core & Main				
Shandon to Carrollton Place Interconnection	Rock Hill, SC	GMC/Dupree	\$375,000	Install 3,636 linear feet of 6" waterline from Carrollton Place water system and connect to Shandon subdivision water system for improved capacity for Shandon subdivision.	Construction 100%	Placed into operation on 5-1-19.
		Tri-county Utilities				
Stonegate Water System Connection	Irmo, SC	GMC/Dupree	\$175,000	Install water meter, backflow device, and pressure reducing valve for bulk water supply connection to Stonegate subdivision for improved water quality and capacity. Abandon three existing water wells.	Construction 100%	Placed into operation on 4-2-19. Hydrotank relocated to Lake Village in September 2019.
		Carolina Tap and Bore				
Lake Wylie Water System to Charlotte Water Interconnection	Lake Wylie, SC	GMC/Dupree	\$922,000	Install water meter, backflow device, and pressure reducing valve for bulk water supply connection to Lake Wylie water system from City of Charlotte water system to increase system capacity.	Construction 85%	Scheduled to place into operation on 10-2-2019.
		State Utilities				
Hunter's Glenn New Well	Aiken, SC	GMC/Dupree	\$262,000	Drilling new well because of extremely high cost of connection and City of Aiken only allowing emergency connection.	Design 10%	Complete design. Drill new well in Fall of 2019.
		TBD				

Sewer System Improvements

Description	Location	Engineer / Contractor	Cost	Cost Details	Status	Progress & Goal
Lift Station Improvements - 2019	Lake Wylie & Lexington, SC	GMC/Dupree	\$833,000	Replace four lift stations and replace one control at existing lift stations in Riverhills. Replace one lift station at Haborside Condos, and one at Lands End.	Rebid 2019	Bids received, but low bid was \$1,200,000. Will rebid in 2020 with longer construction time which should reduce costs.
		TBD				
Harborside Condos CCTV, Cleaning, and Repairs	Lexington, SC	GMC/Dupree	\$100,000	Clean, CCTV, and perform field data analysis to create mapping for rehabilitation of sanitary sewer gravity lines as required.	Engineering 0%	Continue CCTV and cleaning.
		TBD				
Roosevelt Gardens Interconnection	Orangeburg, SC	GMC/Dupree	\$850,000	Construct interconnection for Roosevelt WWCS to Orangeburg DPU and decommission WWTP.	Design 0%	Complete connection agreement with ODPU, which is going before Orangeburg Council in August.
		TBD				
Palmetto Estates CCTV and Cleaning	Beaufort, SC	GMC/Dupree	\$130,000	Clean, CCTV, and perform field data analysis to create mapping for rehabilitation of sanitary sewer gravity lines as required.	Cleaning and CCTV 100%	Will perform improvements in hot spots in October 2019.
		Stokes Plumbing				
Fairwood/Oakland/Pocalla WWCS GIS	Union and Sumter, SC	GMC/Dupree	\$12,000	Gather WWCS data and input into GIS.	Engineering 75%	Continue survey and GIS input.
		Stokes Plumbing				
Fairwood/Oakland/Pocalla WWCS Improvements	Union and Sumter, SC	GMC/Dupree	\$800,000	Clean, CCTV, and perform field data analysis to create mapping for rehabilitation of sanitary sewer gravity lines as required.	Engineering 100%	Perform improvements in October 2019.
		Clearwater				
Fairwood WWTP Chlorine Contact Chamber	Union, SC	Premier Water	\$90,650	Install new chlorine contact chamber.	Design 100%	Begin fabrication in September 2019.
Friarsgate WWCS Modeling	Chapin, SC	GMC/Dupree	\$39,000	Gather WWCS data and input into GIS and perform hydraulic model.	Engineering 100%	
		N/A				
Chambert Forest Lift Station Replacement	Anderson County, SC	WK	\$250,000	Replace existing package sewer plant being used as lift station with new lift station due to end of life.	Construction 100%	Placed into operation on 3-13-19.
		Dickson/GMC/Dupree Carolina Lift Stations				

Description	Location	Engineer / Contractor	Cost	Cost Details	Status	Progress & Goal
Forty Love - Phase One	Chapin, SC	GMC/Dupree	\$288,000	Install sewer grinder stations to mitigate sewer backups within three homes in the Forty Love subdivision.	Construction 100%	Completed construction in October 2018.
		McClam/Carolina Lift Stations				
Forty Love Engineering Study	Chapin, SC	GMC	\$65,700	Investigate and perform analysis of long-term solution to eliminate sewer backups.	Investigation 100%	Complete.
		N/A				
Forty Love - Phase Two	Chapin, SC	GMC/Dupree	\$413,000	Install sewer lift station on main sewer Letts line to allow for pumping of sewer to Hiller Road lift station during wet weather events. This will mitigate sewer backups in homes on lower elevations of the sewer system.	Construction 100%	Placed into operation on 5-1-19. Operating with no issues.
		Tri-County Utilities				
Friarsgate Sewer Interconnection	Irmo, SC	GMC/Dupree	\$4,616,000	Install sewer lift station and connect existing WWTP sewer discharge line to the City of Columbia sewer system for treatment. Decommission existing Friarsgate WWTP.	Construction 80%	Primary lift station completed, and flow being directed to Columbia WWTP as of April 1, 2019. EQ lift station completed in June 2019 and WWTP decommissioning to be completed in October 2019.
		Harper General Contractors				
West Georgia Road Force Main Relocation – Phase One	Piedmont, SC	WK Dickson/Dupree	\$18,000	Relocate force main to proposed SCDOT bridge due to West Georgia Road Widening.	Construction 100%	Design complete. Begin construction in August 2018. Performed 1 st phase of sewer force main relocation the first week of August 2019.
		Carolina Lift Stations				
Oakland Plantation WWTP Improvements	Sumter, SC	GMC/Dupree	\$1,932,400	Replace existing clarifier and perform aeration basin improvements.	Design 70%	Construct new clarifier and perform aeration basin improvements in 2020.
		TBD				
Friarsgate WWCS Improvements - 2019	Chapin, SC	GMC	\$565,000	Clean, CCTV, and rehabilitate sanitary sewer gravity lines as a part of an annual rehabilitation program for the Friarsgate WWCS.	Construction 95%	Point repair ongoing with CIP to follow.
		Stokes Plumbing				